


SESSER et al.  
Appl. No. unknown  
March 31, 2004

**REMARKS/ARGUMENTS**

The above amendments were made to update the status of applications referred to in the specification, to amend the abstract to be in conformance with the abstract of the parent application, and add new claims 28-52 for examination in this continuation application.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:   
Michael J. Keenan  
Reg. No. 32,106

MJK:ljb  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

## ADJUSTABLE ARC, ADJUSTABLE FLOW RATE SPRINKLER

### ABSTRACT OF THE DISCLOSURE

A sprinkler head includes a base ~~adapted to be secured to a component supplying water under pressure;~~ an arc adjustment ring rotatably ~~mounted on the base;~~ a nozzle and a stream deflector supported by an elongated stem carried by the base, the nozzle and the stream deflector cooperating to define an adjustable nozzle orifice; a water distribution plate secured to a shaft ~~in the stem~~ and located downstream of the nozzle; ~~the stem and the nozzle axially movable relative to the base;~~ and a drive train operatively connected between the arc adjustment ring and the nozzle to rotate the nozzle relative to the stream deflector to ~~thereby~~ adjust the nozzle orifice between a pair of limit positions. The stem is rotatable within the base upon over-rotation of the arc adjustment ring beyond ~~either of the pair of limit positions.~~ The sprinkler head also incorporates a throttle control member secured to an upstream end of the shaft such that rotation of the shaft causes ~~the throttle control member to move~~ movable axially relative to a flow restriction seat ~~portion,~~ to thereby adjust flow rate through the nozzle, ~~the throttle control member engageable with the seat in a maximum restriction position;~~ and means for permitting rotation of the throttle control member with the shaft upon over-rotation of the shaft.